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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (canceled).

2. (currently amended) ~~A production process according to claim 1,~~

A production process for a hydroxyalkyl (meth)acrylate, which comprises the step of carrying out a reaction between (meth)acrylic acid and an alkylene oxide in the presence of a catalyst in order to produce the hydroxyalkyl (meth)acrylate;

with the production process further comprising the step of recovering the catalyst as has been used for the reaction; and

wherein the catalyst-recovering step includes the step of causing ~~an ion-exchange~~ a cation-exchange resin to adsorb the catalyst as contained in a residue as left behind after distilling off the objective hydroxyalkyl (meth)acrylate from the resultant reaction liquid.

3. (original) A production process according to claim 2, wherein the adsorption is carried out under mixing of the residue, the ion-exchange resin, and a polar solvent.

4. (canceled).

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5. (currently amended) ~~A production process according to claim 1,~~

A production process for a hydroxyalkyl (meth)acrylate, which comprises the step of carrying out a reaction between (meth)acrylic acid and an alkylene oxide in the presence of a catalyst in order to produce the hydroxyalkyl (meth)acrylate;

with the production process further comprising the step of recovering the catalyst as has been used for the reaction; and

wherein the catalyst-recovering step includes the step of mixing a solid with an acid, wherein the solid is a product obtained by applying solid-liquid separation to a mixture of the resultant reaction liquid and/or its residue with water and/or an alkali solution, wherein the residue is a residue as left behind after distilling off the objective hydroxyalkyl (meth)acrylate from the reaction liquid.

6. (currently amended) A production process according to claim 5, wherein: the mixture of the reaction liquid and/or its residue with the water and/or alkali solution is put in a state of high temperature of 40 to 100 °C; and/or the resultant mixture of the solid and the acid is put in a state of high temperature of 40 to 100 °C.

7. (currently amended) ~~A production process according to claim 1,~~

A production process for a hydroxyalkyl (meth)acrylate, which comprises the step of carrying out a reaction between (meth)acrylic acid and an alkylene oxide in the presence of a catalyst in order to produce the hydroxyalkyl (meth)acrylate;

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with the production process further comprising the step of recovering the catalyst as has been used for the reaction; and

wherein the catalyst-recovering step includes the step of obtaining a residue as left behind after distilling off the objective hydroxyalkyl (meth)acrylate from the resultant reaction liquid, with the production process further comprising the step of replenishing the resultant residue with a fresh catalyst to use the resultant mixture for the next reaction.

8. (currently amended) A production process according to ~~claim 1~~ any one of claims 2 to 7, wherein the catalyst is a chromium compound.